

B² 17. (New) A composition comprising a mixture of particles of bioactive glass and at least one topical antibiotic, wherein the particles of bioactive glass and the topical antibiotic are capable of being mixed in a multi-chamber syringe.

C 18. (New) The composition of claim ¹⁷17, wherein said topical antibiotic is chloramphenicol, chlortetracycline, clyndamycin, clioquinol, erythromycin, framycetin, gramicidin, fusidic acid, gentamicin, mafenide, mupirocin, neomycin, polymyxin B, bacitracin, silver sulfadiazine, tetracycline, chlortetracycline, or combinations thereof.

19. (New) The composition of claim ¹⁸18, further comprising a pharmaceutically acceptable carrier.

C 20. (New) The composition of claim ¹⁹19, wherein said pharmaceutically acceptable carrier is an ointment, gel, white petrolatum, light mineral oil, or mixtures thereof.

21. (New) The wound or burn dressing of claim ²⁰20 wherein the fiberglass is made from bioactive glass.

22. (New) A wound or burn treatment apparatus comprising a topical antibiotic in a first chamber, non-interlinked particles of bioactive glass in a second chamber and a mixing means for mixing the topical antibiotic and the non-interlinked particles of bioactive glass.

23. (New) The apparatus of claim ²²22, wherein said wound or burn treatment apparatus is a multi chamber syringe.

24. A composition for the healing of wounds and burns comprising a mixture of non-interlinked particles of bioactive glass and at least one topical antibiotic.

REMARKS

The claims are directed to compositions for the accelerated healing of wounds or burns, and wound or burn dressings. The compositions include particles of bioactive glass and a topical antibiotic. The dressings include a bandage, a topical antibiotic and particulate bioactive glass.

Claim 12 has been amended to define the particles of bioactive glass as being non-interlinked. New claim 17 is essentially the same as claim 1 as originally filed, except that